

AMENDMENTS TO THE CLAIMS

Please cancel claims 1 through 22, 24 through 30, and 32 through 38, without prejudice.
Amend the claims as shown in the following complete listing of all the claims.

1. - 22. (Cancelled)

23. (Currently Amended) A method for performing pre-MRI screening for ferromagnetic foreign bodies, comprising:

providing a source-sensor unit including at least one applied-field generating element and at least one magnetic sensor;

canceling the signal due to the applied magnetic field at the location of said at least one magnetic sensor by the relative arrangement of said at least one applied-field generating element and said at least one magnetic sensor in said source-sensor unit;

~~preserving said cancellation of the applied field signal as said entire source-sensor unit expands and contracts;~~

generating an applied magnetic field in ~~a region of interest~~ the eye of a patient, with said source-sensor unit;

rotating said eye, thereby moving any ferromagnetic foreign body which may be present to modulate the magnetic susceptibility signal from said ferromagnetic foreign body, without substantially changing the magnetic susceptibility response of the patient's body tissues; and

generating a magnetic susceptibility measurement relevant to the presence or absence of a ferromagnetic foreign body in said ~~region of interest~~ eye, with said source-sensor unit.

24. - 30. (Cancelled)

31. (Currently Amended) The method recited in claim ~~30~~ 23, further comprising rotating said eye in a controlled manner.

32. - 38. (Cancelled)

39. (New) The method recited in claim 23, further comprising preserving said cancellation of the applied-field signal as said entire source-sensor unit expands and contracts.